GALTER HEALTH SCIENCES LIBRARY

Northwestern Medicine®

METRICS AND IMPACT CORE: PUSHING BOUNDARIES WHILE MANAGING EXPECTATIONS

Patty Smith, MLIS
Research Impact Librarian

Karen Gutzman, MSLS
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Lightning Talk
Bibliometrics & Research Symposium 2018
Natcher Conference Center, NIH

METRICS & IMPACT CORE

Kristi Holmes
Director, Galter Health Sciences Library

Karen Gutzman
Digital Innovations Librarian

Patty Smith
Research Impact Librarian

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METRICS & IMPACT CORE

- **Develop successful publishing strategies**
- **Manage and track publications**
- **Maintain an impactful online identity**
- **Measure and assess research impact by discipline**
- **Communicate research impact to audiences**

Kristi Holmes
Director, Galter Health Sciences Library

Karen Gutzman
Librarian

Patty Smith
Research Impact Librarian

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Metrics & Impact Core Methods & Services

Advanced Bibliometric Analysis

Alternative Metrics

Social Network Analysis

Data Visualizations

NIH Biosketches

Group Publication Summaries

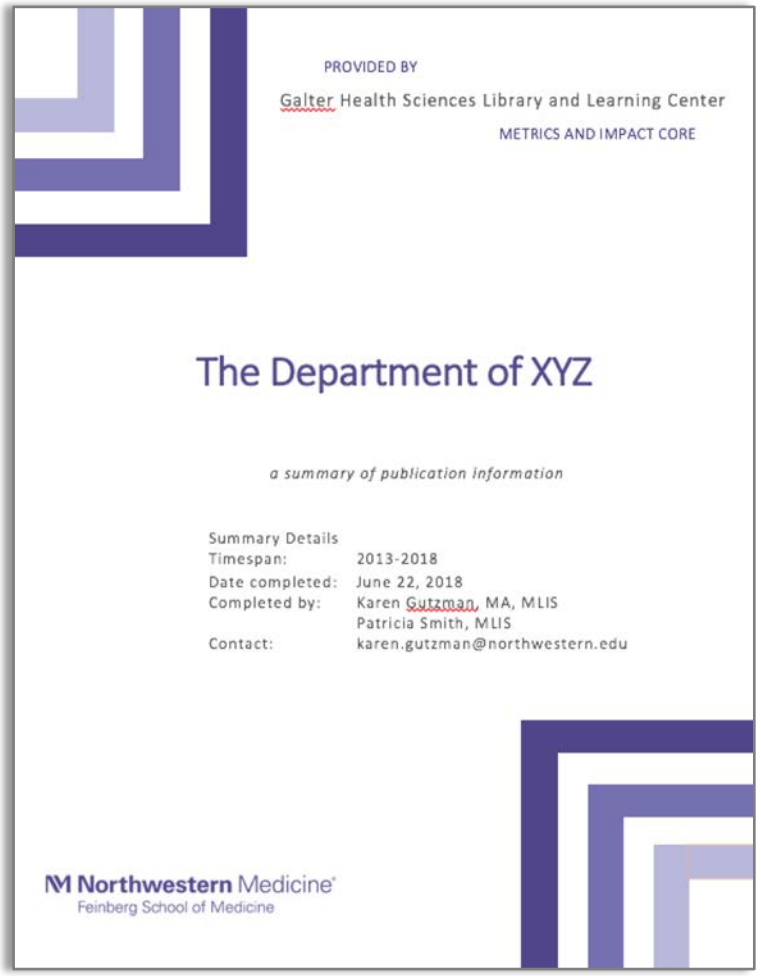
Individual Publication Summaries

Promotion & Tenure Materials

Grant Proposals

Examples of Services

Publication Summaries


PROVIDED BY

Galter Health Sciences Library and Learning Center

METRICS AND IMPACT CORE

The Department of XYZ

a summary of publication information

Summary Details

Timespan: 2013-2018

Date completed: June 22, 2018

Completed by: Karen Gutzman, MA, MLIS
Patricia Smith, MLIS

Contact: karen.gutzman@northwestern.edu

Northwestern Medicine®
Feinberg School of Medicine

Productivity: how much research was produced and who produced it

- # of researchers in department
- # of articles published by faculty
- Average articles per year
- # of unique source (journal) titles

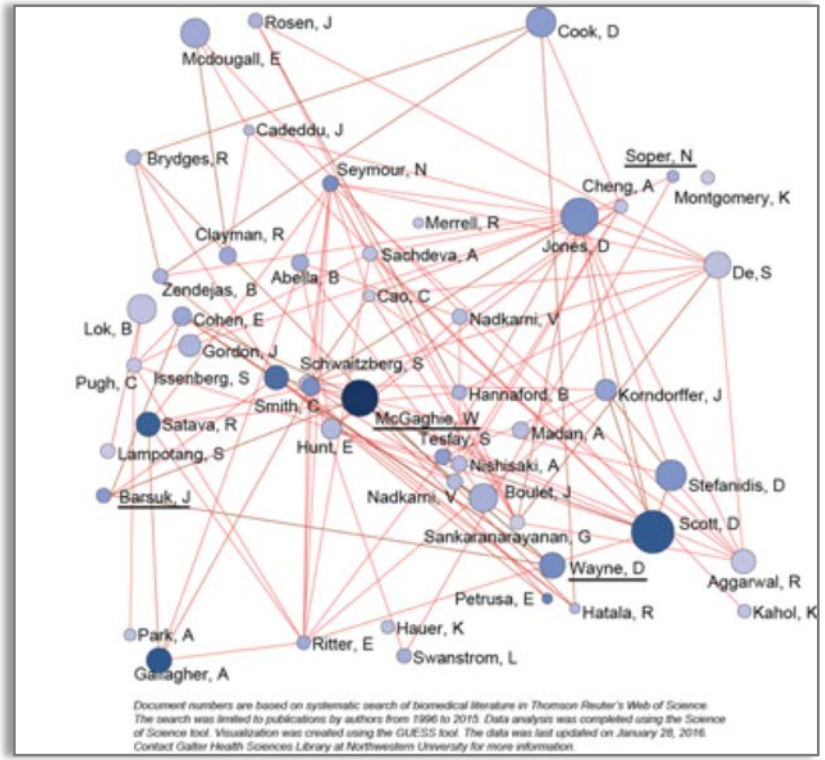
Collaboration: who worked together to make the research happen

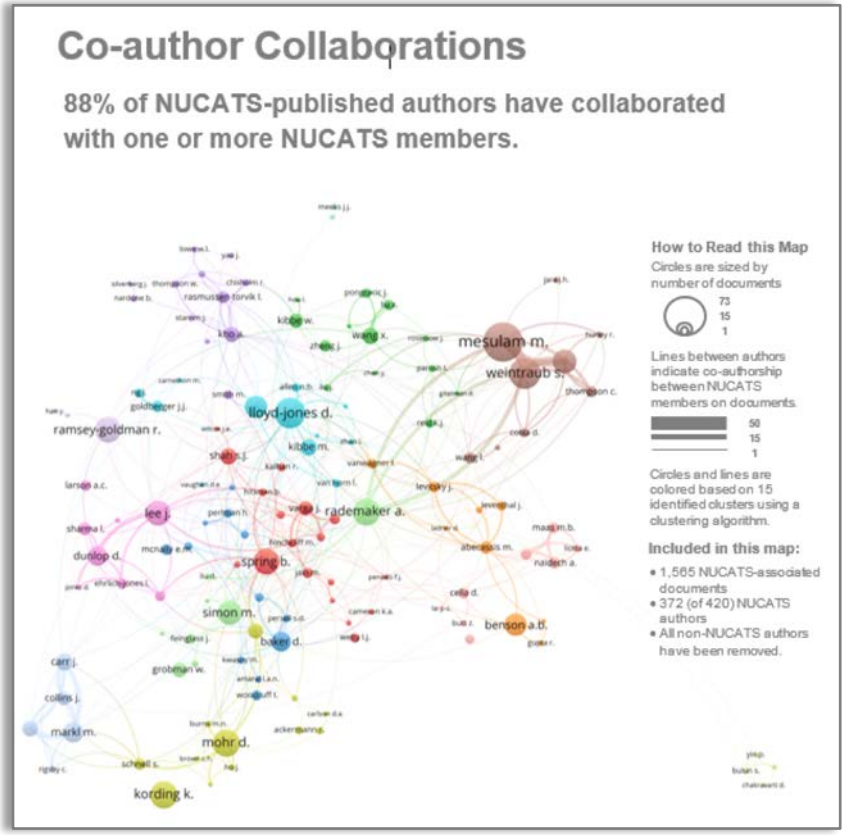
- # of country affiliations of co-authors
- # of top institutional affiliations of co-authors
- Listing of funding organizations from 2014 to present

Research Topics: what the research was about

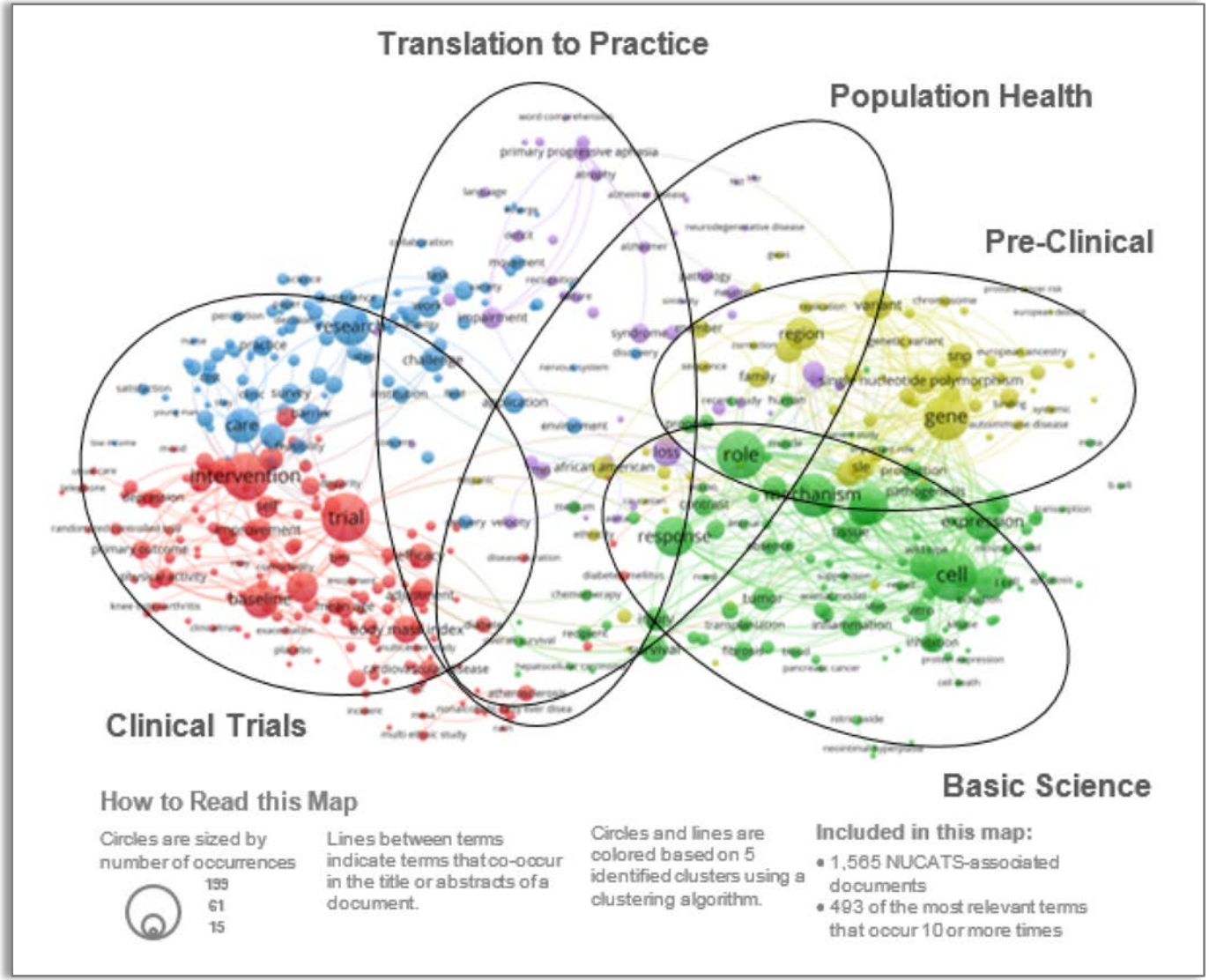
- Document types for published articles
- Top key words used in articles
- Top subject areas of source (journal) titles

Collaboration Visualizations

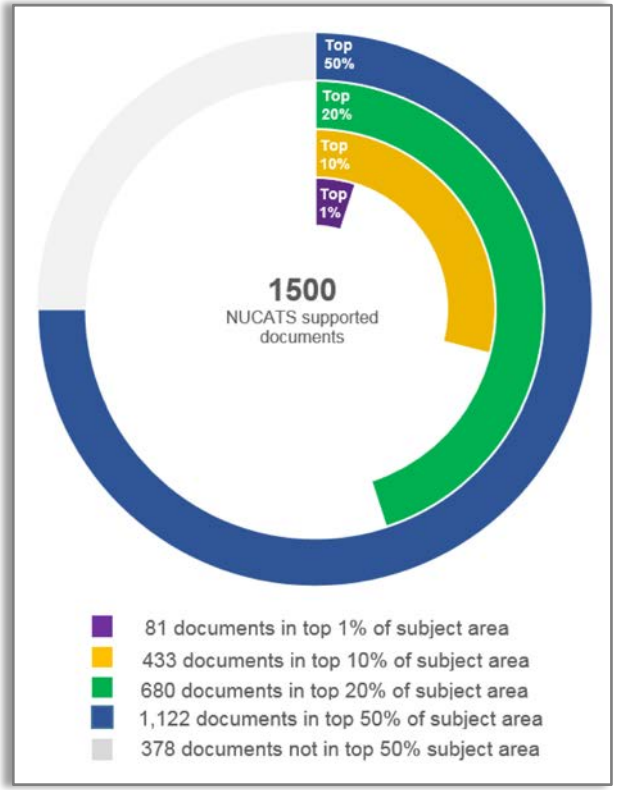


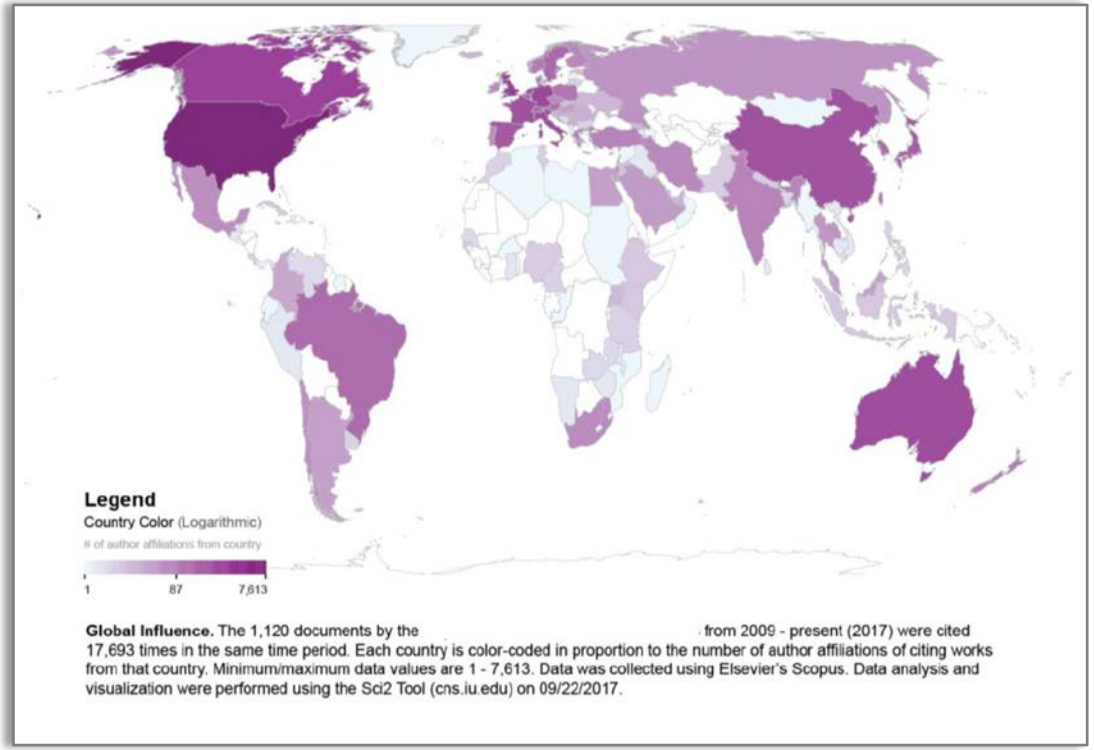


Topical Area Visualizations



Citation Impact Visualizations



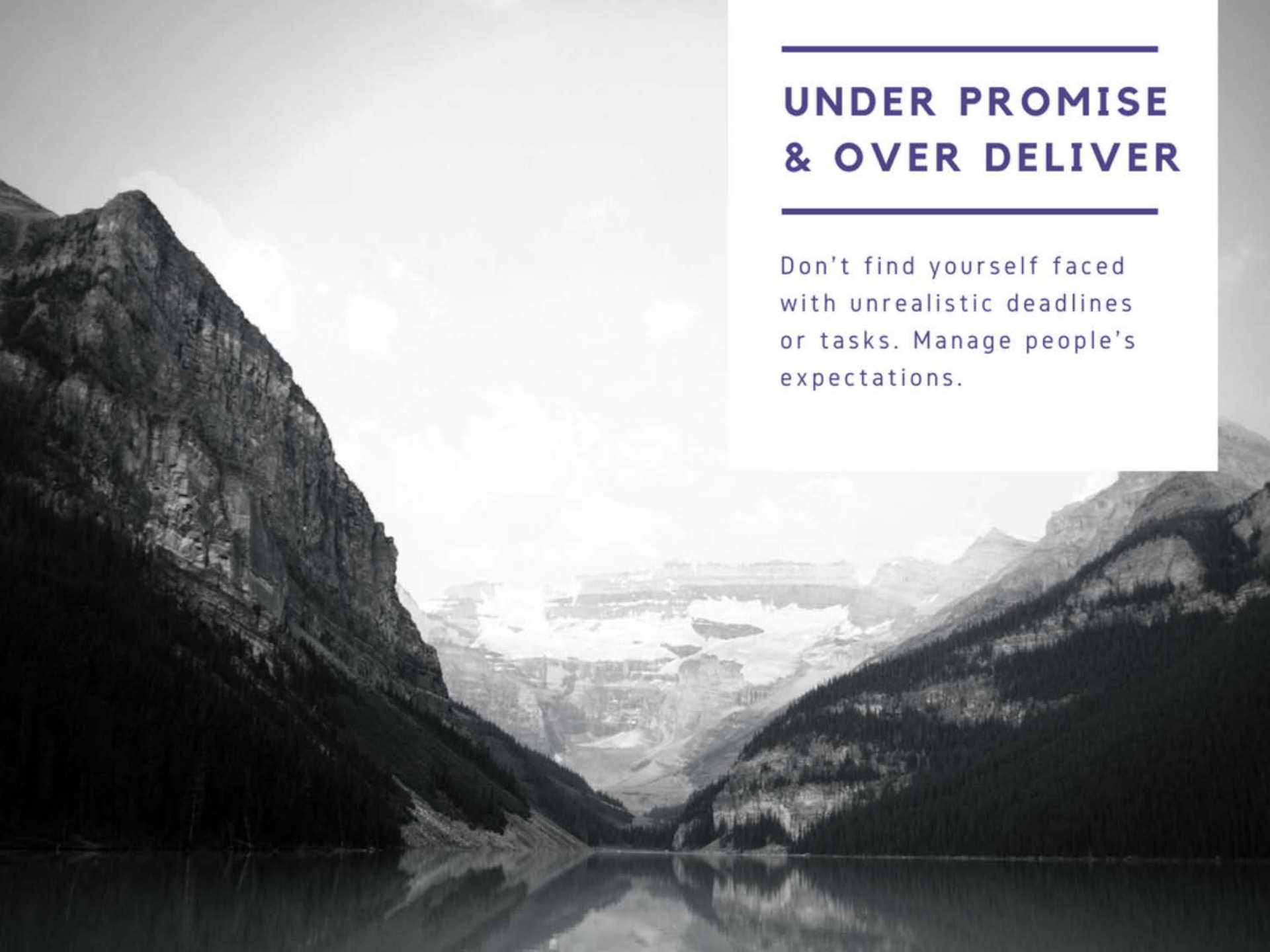


My work has been featured in mass media outlets including NPR and Scientific American, and has been discussed heavily on social media, which is evidence of the successful dissemination of our work beyond academia. (Altmetric)

INDIVIDUAL RESEARCHER

This group of papers has been collectively cited over 5,500 times by authors publishing in a diverse range of subject areas including Medicine, Engineering, and Social Sciences. These 200 papers have a weighted RCR of 305, indicating that this is a highly influential set of papers relative to the average NIH-funded paper. (Scopus, iCite tool)

GROUP OF RESEARCHERS

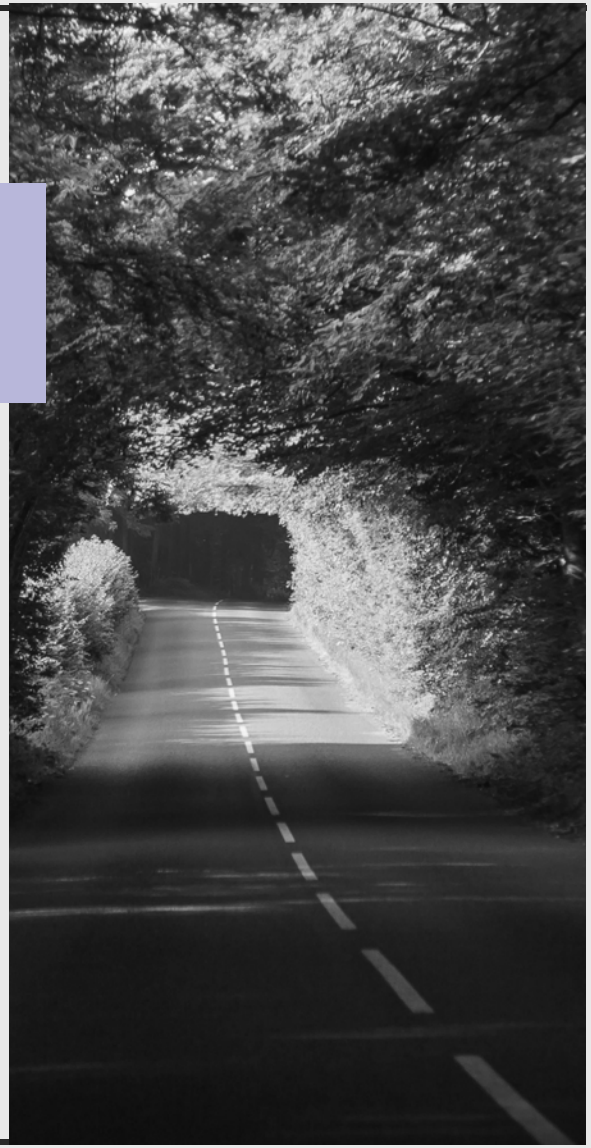


UNDER PROMISE & OVER DELIVER

Don't find yourself faced with unrealistic deadlines or tasks. Manage people's expectations.

FUTURE DIRECTIONS

- Create a “menu” or catalog of visualizations and reports that people can choose from
- Explore creating interactive web-based visualizations



WE'RE HIRING!
JOIN GALTER HEALTH SCIENCES LIBRARY AS A RESEARCH IMPACT SPECIALIST

For more information:
https://galter.northwestern.edu/about-us/employment-opportunities